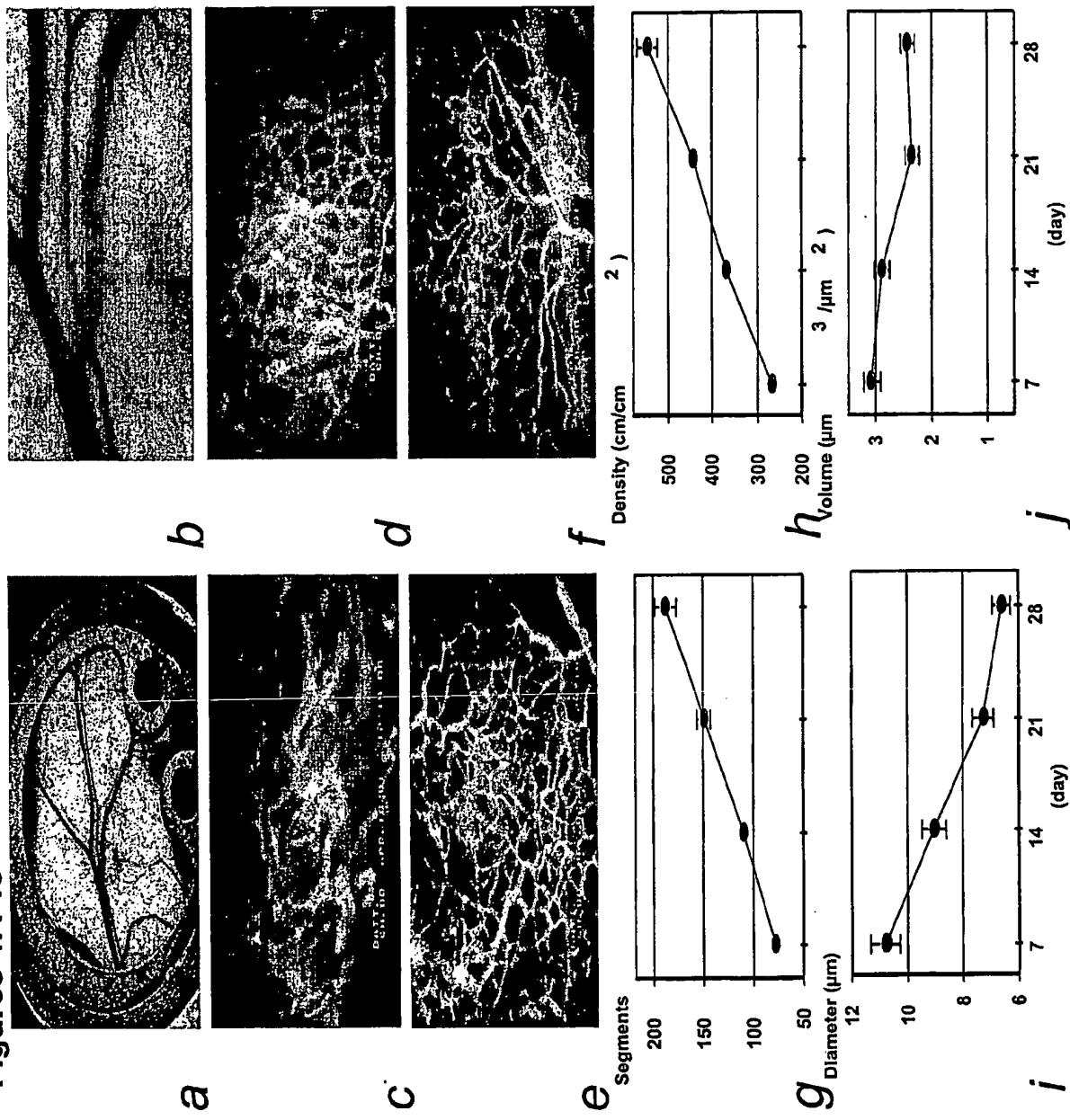
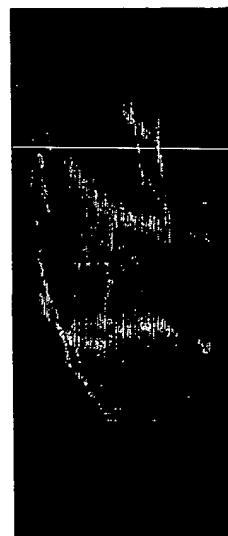
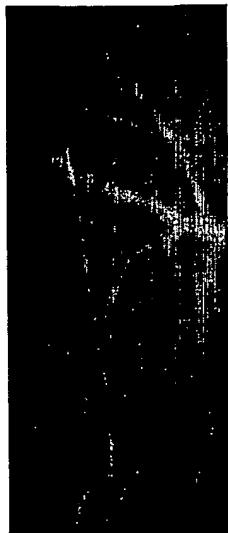
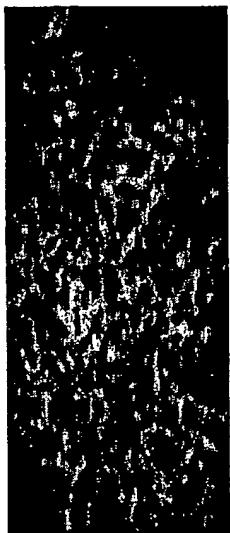
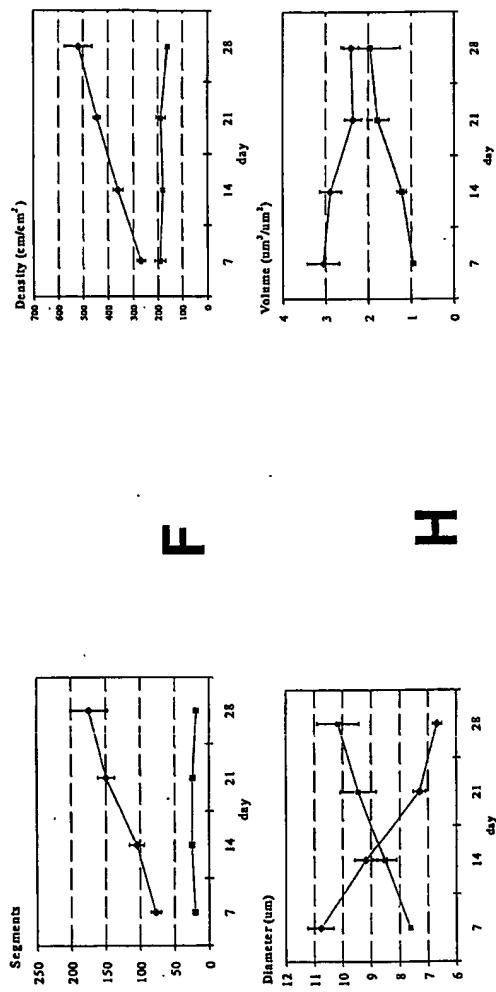
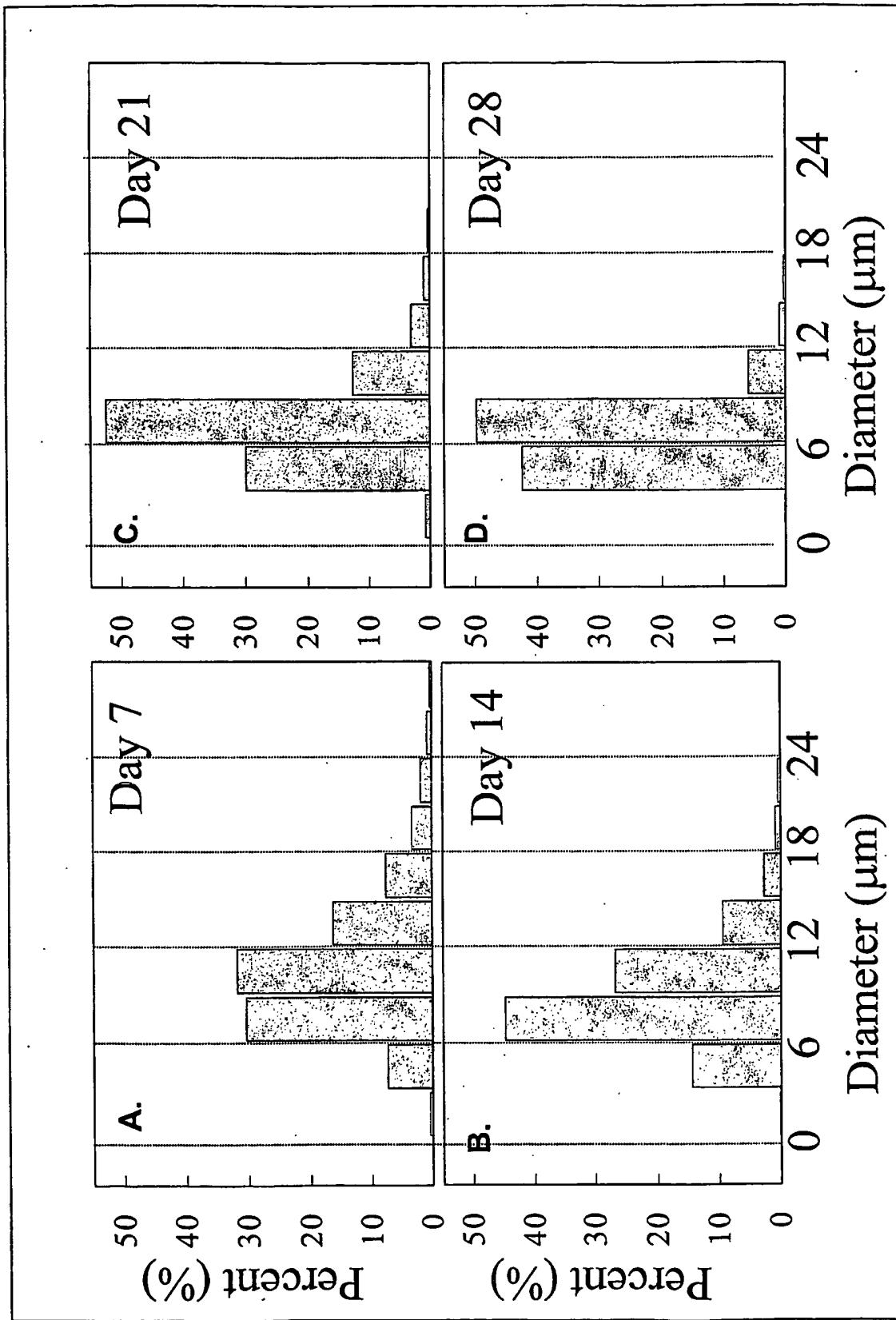
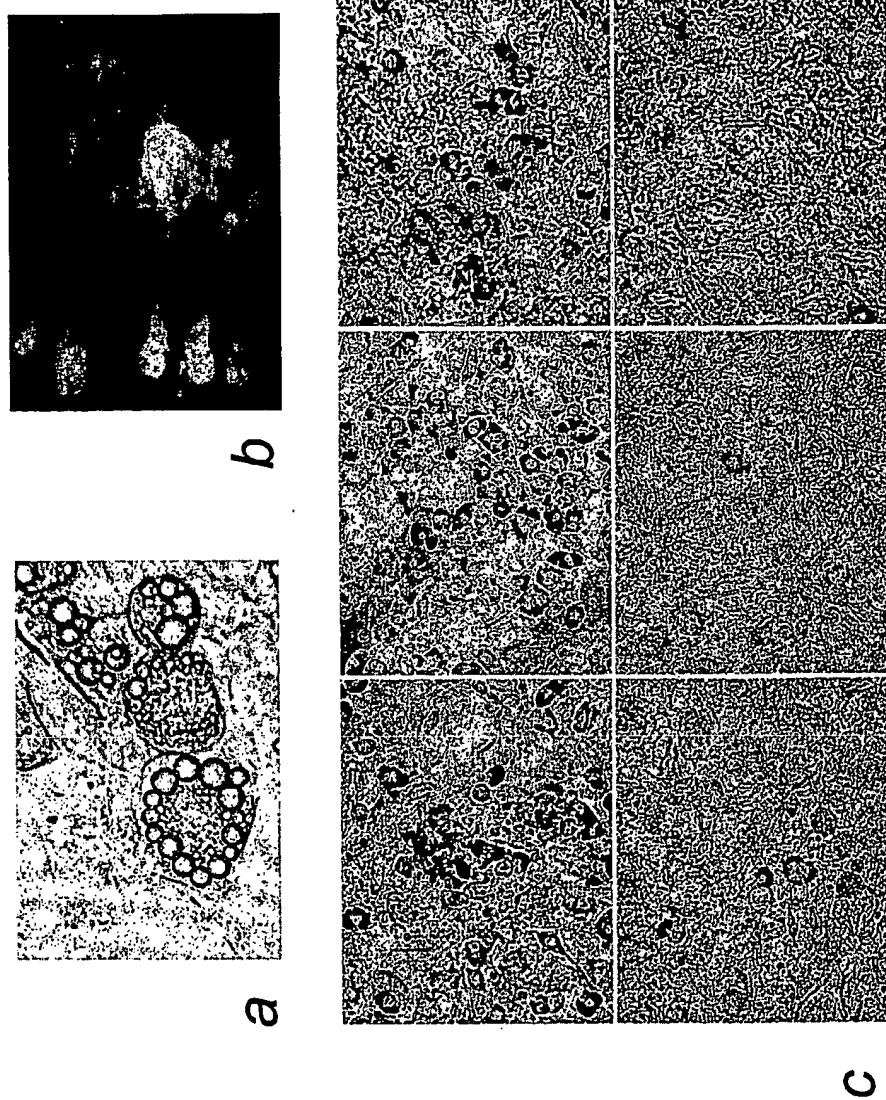


Figures 1A-1J

Figures 2A-2H**A****C****F****H****E****G**

Figures 3A-3D





Figures 4A-4C

Figure 5 (Page 1 of 4)

Genebank	Gene name	<i>In vitro</i> *				Comments
		3T3-442A/ PPAR γ DN	3T3-442A/ Preadipocyte	3T3-442A/ Adipocyte	(+)	
NM_009621	Adams1	(+)	(+)	(+)	(+)	Decreased in adipocytes (x3)
NM_013906	Adams8	N.D.	N.D.	N.D.	N.D.	
U83509	angiopeptin-1	N.D.	N.D.	N.D.	N.D.	Not detectable by RT-PCR
NM_007426	angiopeptin2	(+)	(+)	(+)	(+)	Decreased in adipocytes (x2), Increased by PPAR γ DN (x27)
U22516	angiogenin	N.D.	N.D.	N.D.	N.D.	
NM_007543	CD36	(+)	(+)	(+)	(+)	Increased in adipocytes (x13)
NM_009868	cadherin 5	(+)	N.D.	N.D.	N.D.	
NM_007693	Vasostatin/chromogranin A	N.D.	N.D.	N.D.	N.D.	
NM_009929	procollagen, type XVIII, alpha 1	N.D.	N.D.	N.D.	N.D.	
M13926	G-CSF	(+)	(+)	(+)	(+)	Increased by PPAR γ DN (x57)
NM_010217	Tissue factor	N.D.	N.D.	N.D.	N.D.	
NM_007901	Edg1	N.D.	N.D.	N.D.	N.D.	
NM_007909	Ephrin A2	N.D.	N.D.	N.D.	N.D.	
NM_010109	Ephrin A receptor	N.D.	N.D.	N.D.	N.D.	
NM_010111	Ephrin B2	(+)	(+)	(+)	(+)	Increased in adipocytes (x2.5)
NM_010113	EGF	N.D.	N.D.	N.D.	N.D.	
NM_007912	EGFR	(+)	(+)	(+)	(+)	
NM_007932	endoglin	N.D.	N.D.	N.D.	N.D.	
NM_010144	Ephrin B4	(+)	(+)	(+)	(+)	
U71126	erb-2	N.D.	N.D.	N.D.	N.D.	
NM_011808	c-ets1	N.D.	N.D.	N.D.	N.D.	
NM_010168	Prothrombin kringle-1	(+)	(+)	(+)	(+)	
I667610	aFGF	N.D.	N.D.	N.D.	N.D.	
NM_030614	FGF16	(+)	(+)	(+)	(+)	Increased by PPAR γ DN (x2.5)
M00644	bFGF	N.D.	N.D.	N.D.	N.D.	
M30642	FGF4	N.D.	N.D.	N.D.	N.D.	

Figure 5 (Page 2 of 4)

M92416	FGF6	N.D.	N.D.
U56503	FGF7/KGF	(+)	(+)
M33760	FGFR1 (FLG)	N.D.	N.D.
MB1342	FGFR3	N.D.	N.D.
NM_008011	FGFR4	(+)	(+)
D86628	VEGF-D/FIGF	(+)	(+)
X59397	KDR	N.D.	N.D.
L07297	VEGFR	N.D.	N.D.
JM18194	Fn1	(+)	(+)
J04596	Gro1	N.D.	N.D.
X84046	HGF	N.D.	N.D.
NM_010431	Hif1a	(+)	(+)
M33885	ID1	(+)	(+)
NM_008321	ID3	(+)	(+)
NM_010502	IFNA1	N.D.	(+)
NM_010510	IFN-b1	N.D.	(+)
K00083	IFN r	(+)	(+)
NM_010512	GF-1	N.D.	N.D.
NM_010548	L-10	N.D.	N.D.
M83672	L-12A	N.D.	N.D.
NM_010577	Integrin a5	(+)	(+)
NM_008402	Integrin aV	(+)	(+)
NM_016780	CD61	N.D.	N.D.
NM_008539	Madh1	(+)	(+)
NM_010784	Midkine	(+)	(+)
NM_008610	gelatinase A	(+)	(+)
NM_013599	gelatinase B	N.D.	N.D.
NM_031195	SRA	N.D.	N.D.
NM_008713	NOS3	(+)	(+)
NM_008737	neuropilin	(+)	(+)
M23464	PDGF a	N.D.	N.D.
Af162784	PDGF b	N.D.	N.D.

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NM_011058	PDGFR α	(+)	N.D.	N.D.
NM_008809	PDGFR β	(+)	N.D.	N.D.
NM_008816	PECAM1	(+)	N.D.	N.D.
AB017491	PF 4	(+)	N.D.	N.D.
NM_008827	Placental growth factor	(+)	N.D.	N.D.
X02389	PLAU	(+)	N.D.	N.D.
NM_008869	PTGS1	(+)	N.D.	N.D.
NM_011198	Cox-2	(+)	N.D.	N.D.
P90225	pleiotrophin	(+)	(+)	(+)
NM_019765	Restin	(+)	(+)	(+)
NM_011333	Scyra2	(+)	(+)	(+)
NM_009257	maspin	(+)	(+)	(+)
M33960	PAI-1	(+)	(+)	(+)
X16490	PAI-2	(+)	(+)	(+)
AF017057	PEDF	(+)	(+)	(+)
NM_009242	SPARC	(+)	(+)	(+)
NM_009263	osteopontin	(+)	(+)	(+)
D13738	Tie-2	(+)	N.D.	N.D.
U65016	TGF- α	(+)	N.D.	N.D.
NM_01177	TGFb1	(+)	N.D.	N.D.
X57413	TGF b2	(+)	N.D.	N.D.
NM_02745	TGF b3	(+)	N.D.	N.D.
D13526	TGFBR1(ALK-5)	(+)	N.D.	N.D.
NM_009371	TGFbR2	(+)	(+)	(+)
AF039801	betaglycan	(+)	(+)	(+)
NM_01276	THBS1	(+)	N.D.	N.D.
X574803	THBS2	(+)	(+)	(+)
X57434	TIMP2	(+)	N.D.	N.D.
AF0102887	THBS3	(+)	N.D.	N.D.
X73960	Tie1	(+)	(+)	(+)
NM_011593	TIMP1	(+)	(+)	(+)
0	TIMP2	(+)	(+)	(+)

Figure 5 (Page 4 of 4)

			(+)	(+)	(+)	
NM_011607	tenascin C		(+)	(+)	(+)	
NM_013693	TNF α	N.D.	N.D.	N.D.	N.D.	
M84487	VCAM-1	N.D.	N.D.	N.D.	N.D.	
M95200	VEGF	(+)	(+)	(+)	(+)	Increased in adipocytes (x2), Decreased by PPAR γ DN (x)
U46800	VEGF-B	(+)	(+)	(+)	(+)	Low
U73620	VEGF-C	(+)	(+)	(+)	(+)	Low

Figures 6A-6H

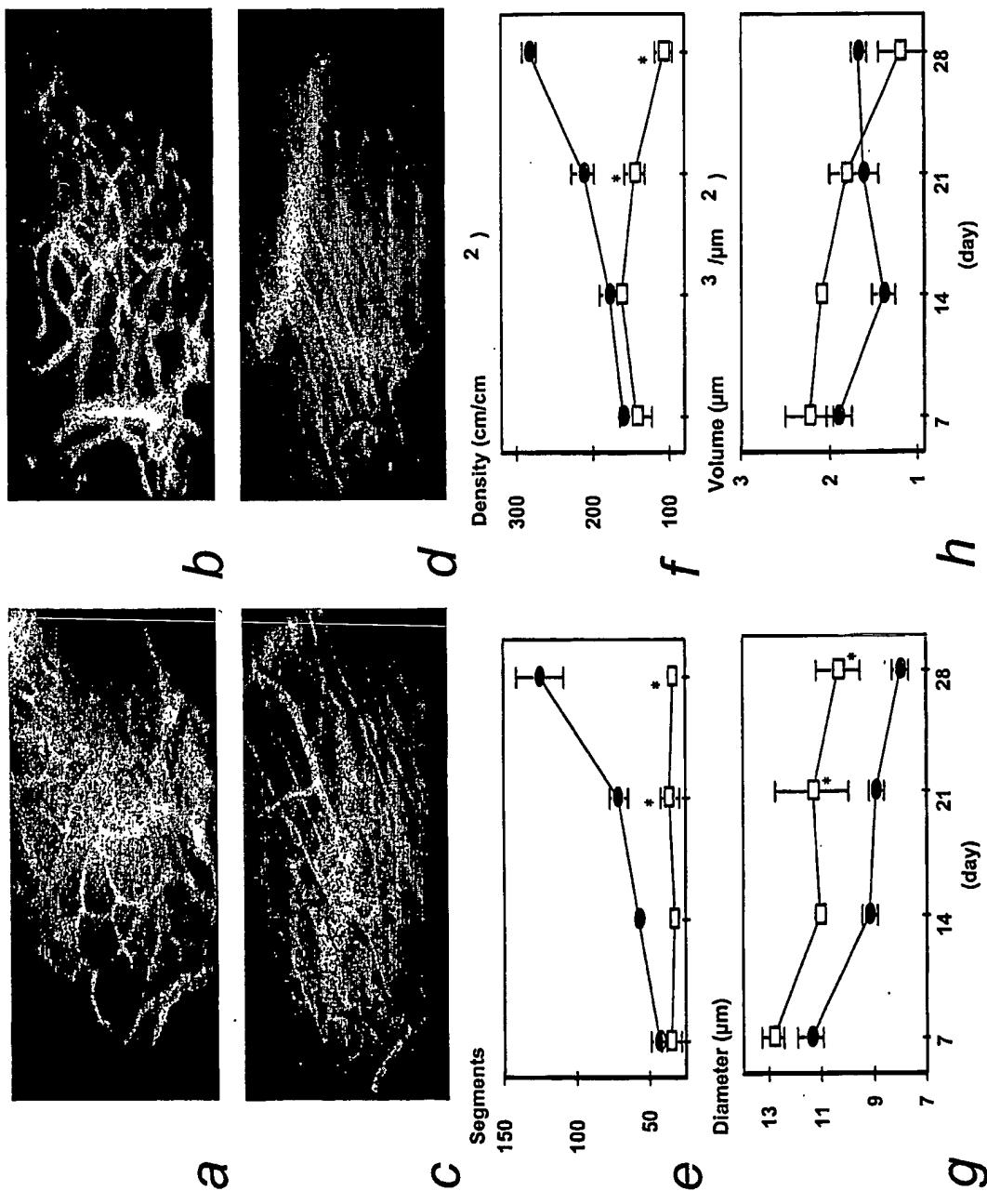


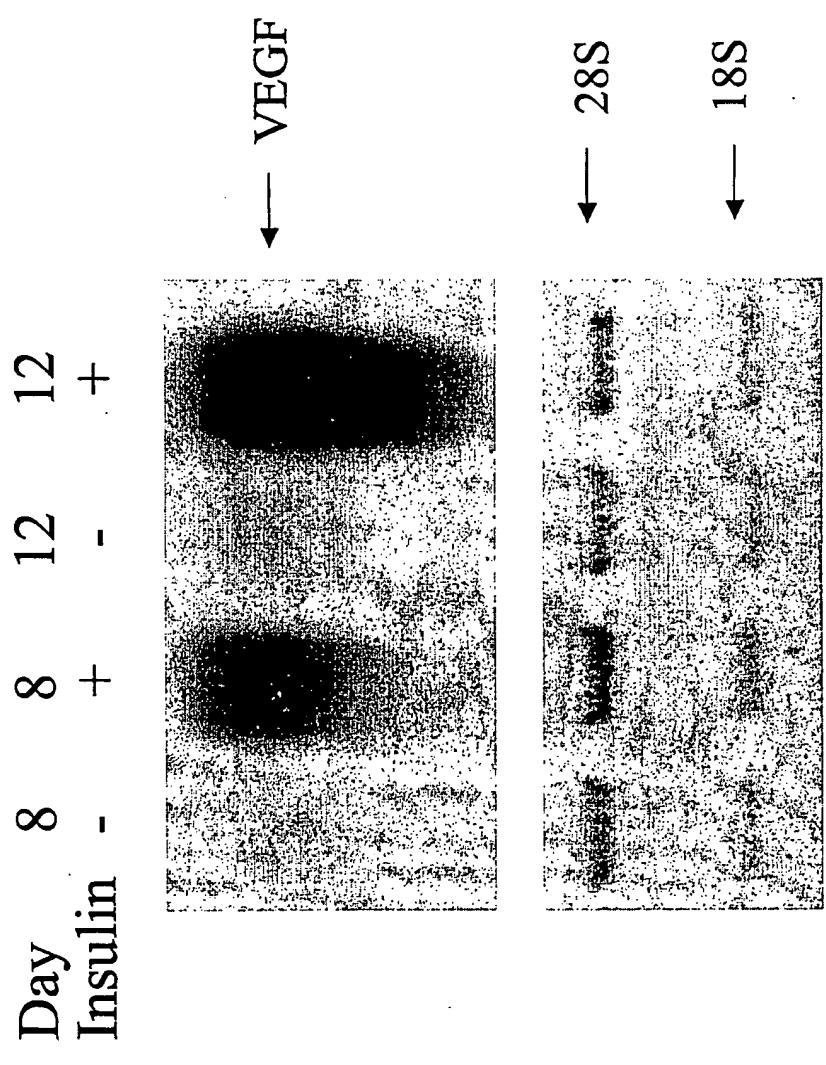
Figure 7

Figure 8

Gene name	Sense primer	Antisense primer
Ang-1	5'-ATGACAGTCTCCATTGCA-3' (SEQ ID NO: 1) & 5'-TTCTCGCCATTGACTCAC-3' (SEQ ID NO: 2)	5'-CATCATGGTGGAAACGTAAGGA-3' (SEQ ID NO: 3)
	5'-ATGTGGCAGATCATTTCTAACT-3' (SEQ ID NO: 4) & 5'-TTGGCTGGATCTGTCTGGC-3' (SEQ ID NO: 5)	5'-CCAGTAGTACCACTTGATAACCGTT-3' (SEQ ID NO: 6)
aP2	5'-CTGGAAGACAGCTCCTCGAAC-3' (SEQ ID NO: 7) & 5'-ATGTGTGATGCCATTGGAAAC-3' (SEQ ID NO: 8)	5'-TAATCAACATAACCATATCCAAT-3' (SEQ ID NO: 9)
	5'-TCC GGA TCC ATG AAC TTT C-3' (SEQ ID NO: 10)	5'-TGG CTC ACC GCC TTG GCT-3' (SEQ ID NO: 11)
L13a	5'-GGGCAGGGTCTGGTATTGGATG-3' (SEQ ID NO: 12)	5'-CCTCGCACAGTGCGCCAGAAAAATG-3' (SEQ ID NO: 13)
	5'-GCTGCTTGGTGCACCTGCTGCAGCT-3' (SEQ ID NO: 14)	5'-TCTGCATTCACATTGGCTGTGTT-3' (SEQ ID NO: 15)
VEGF-B	5'-ATGCACITGCTGTGCTCTTGCT-3' (SEQ ID NO: 16)	5'-CTCTGTGTATAATGTGCAGCAC-3' (SEQ ID NO: 17)
	5'-CCCATGATGTTCCATGTTACTT-3' (SEQ ID NO: 18)	5'-TGTCTCTAGGGCTGCATTGGGT-3' (SEQ ID NO: 19)
VEGF-C	5'-CATGAGATTGGCAGTGATTGCTT-3' (SEQ ID NO: 20)	5'-TCTGCTTGTACTAGCAGTGACG-3' (SEQ ID NO: 21)
	5'-AGGGACTCTGTGAAAGTACTGTT-3' (SEQ ID NO: 22)	5'-CTGGCTGGCACAGTTGAGCAGTG-3' (SEQ ID NO: 23)
HIF1 α	5'-GGGGCGAGAACGAGAAGAAAAAG-3' (SEQ ID NO: 24)	5'-CACGTTATCAGAAATGTAAACCAT-3' (SEQ ID NO: 25)

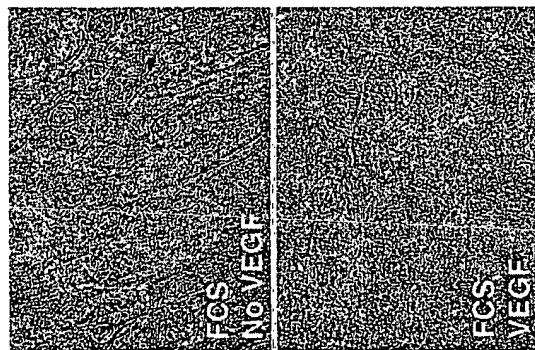
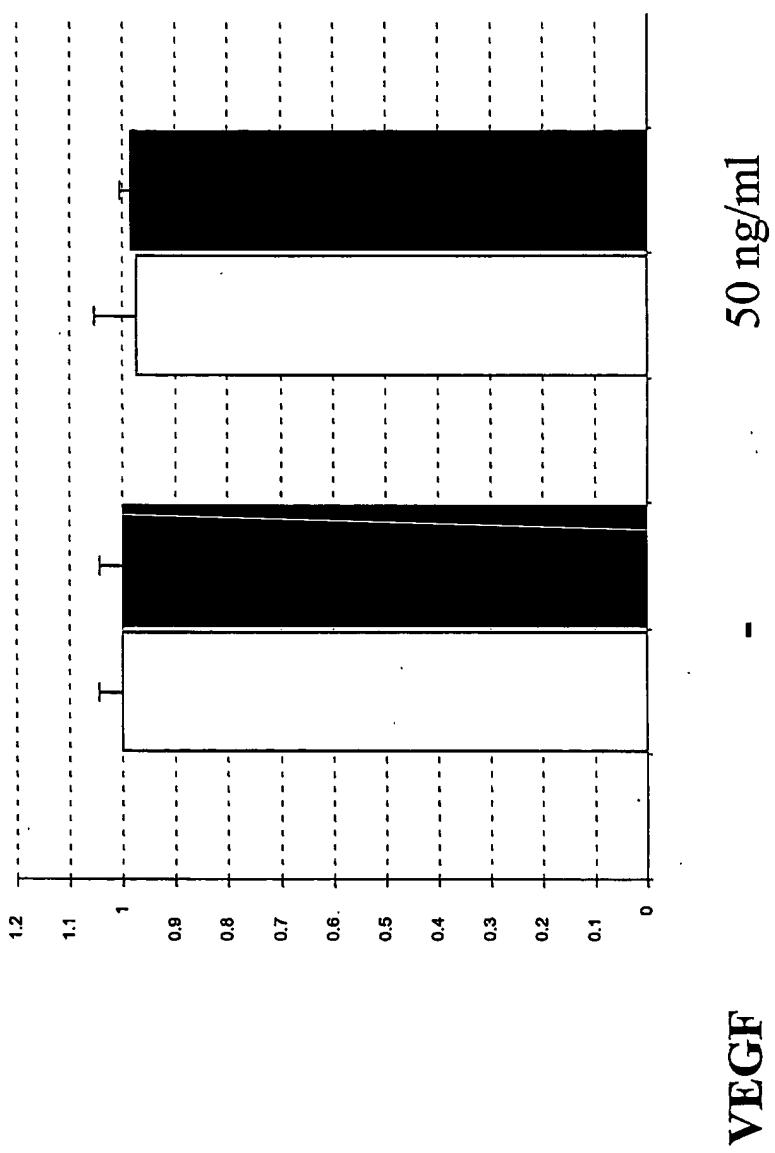


Figure 9A

Figure 9B

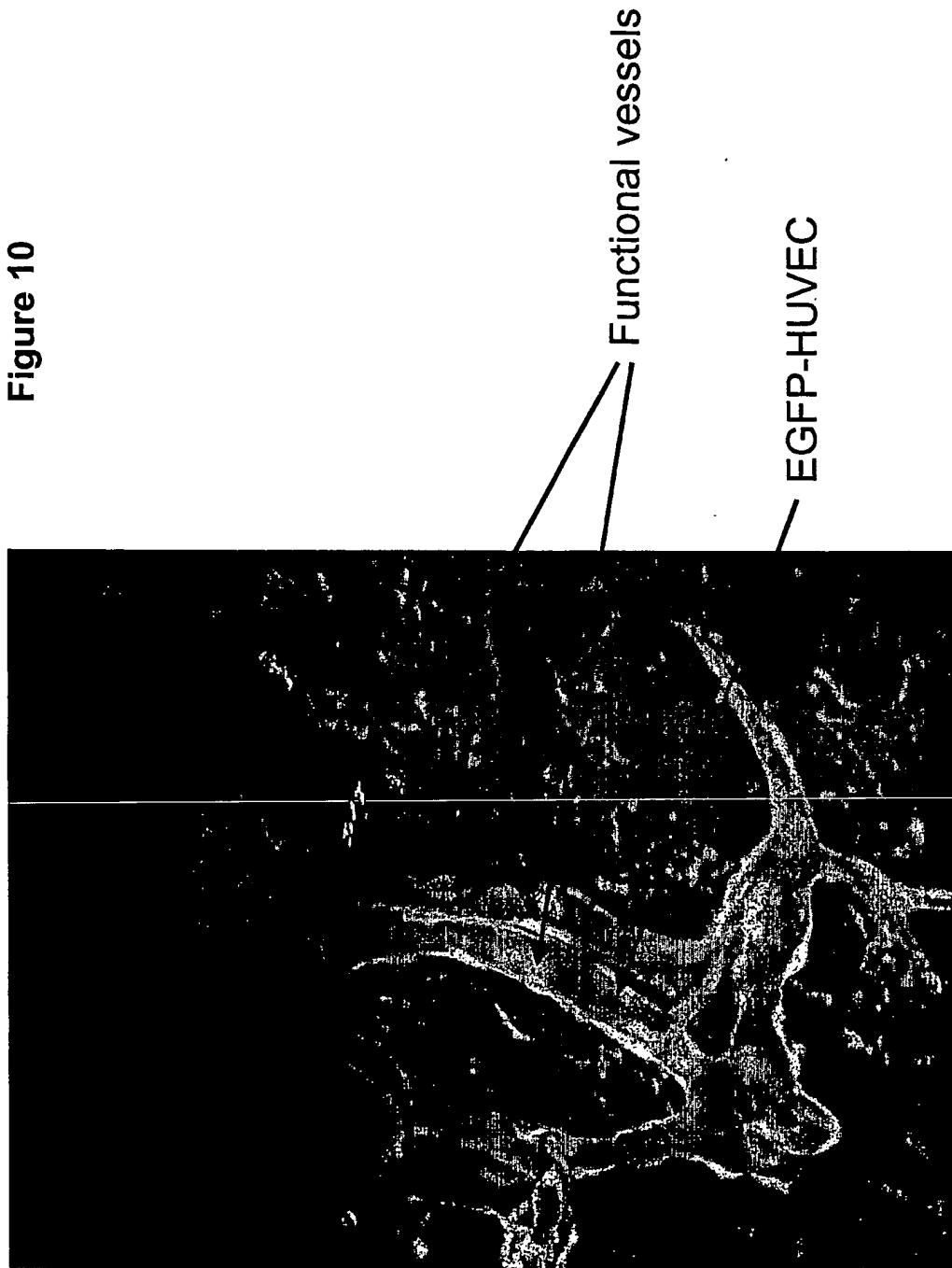


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Figure 10



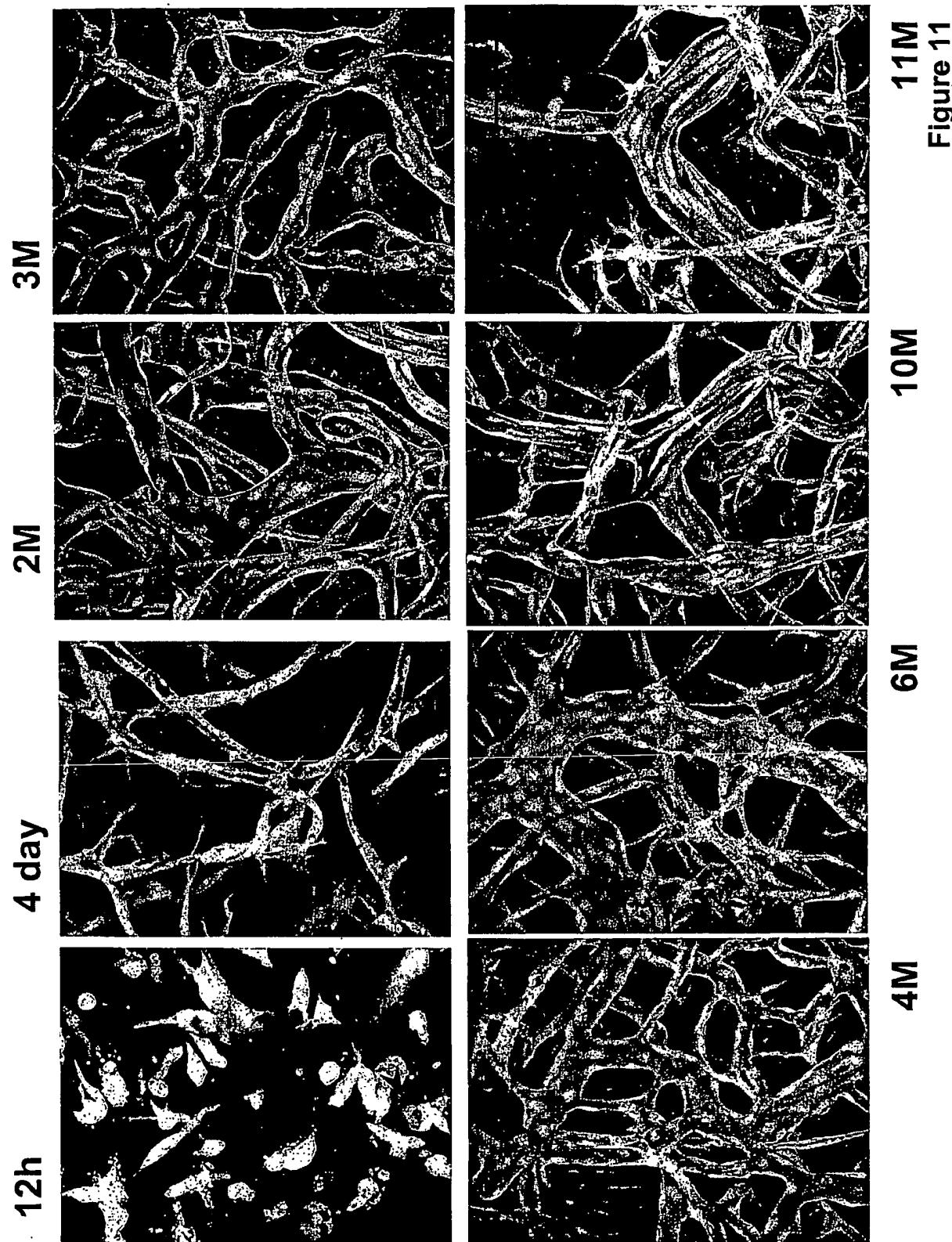
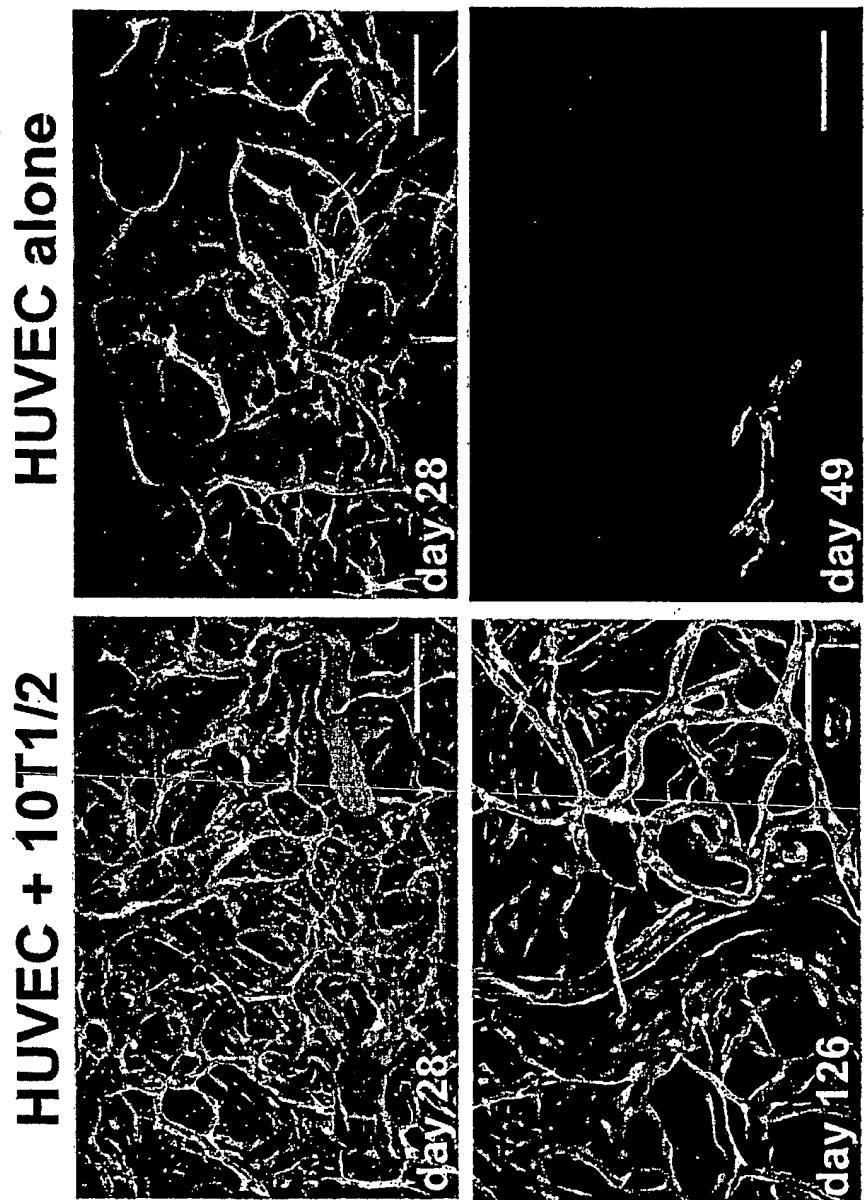


Figure 11

Figure 12



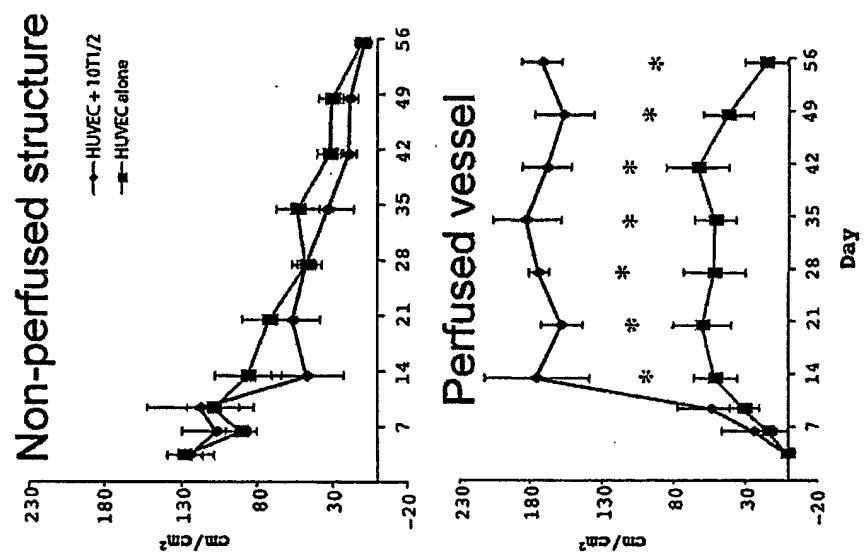


Figure 13

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Figure 14

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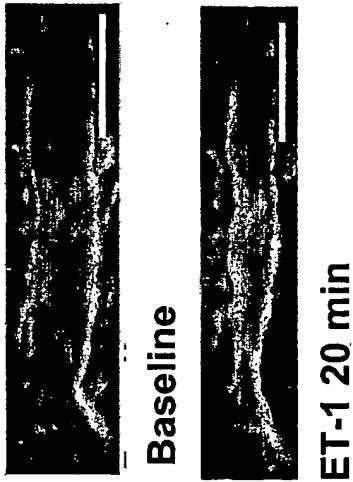
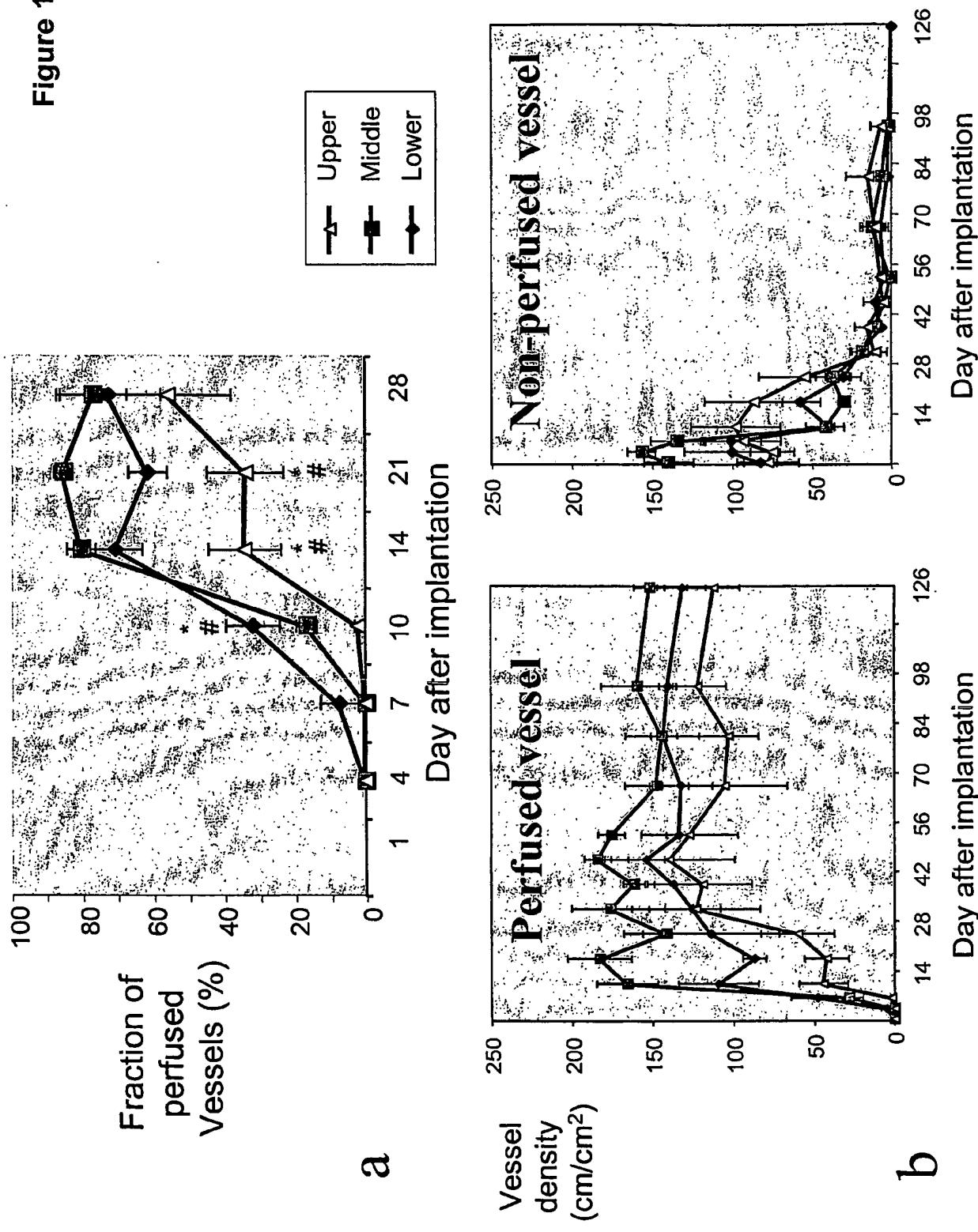


Figure 15

Figure 16

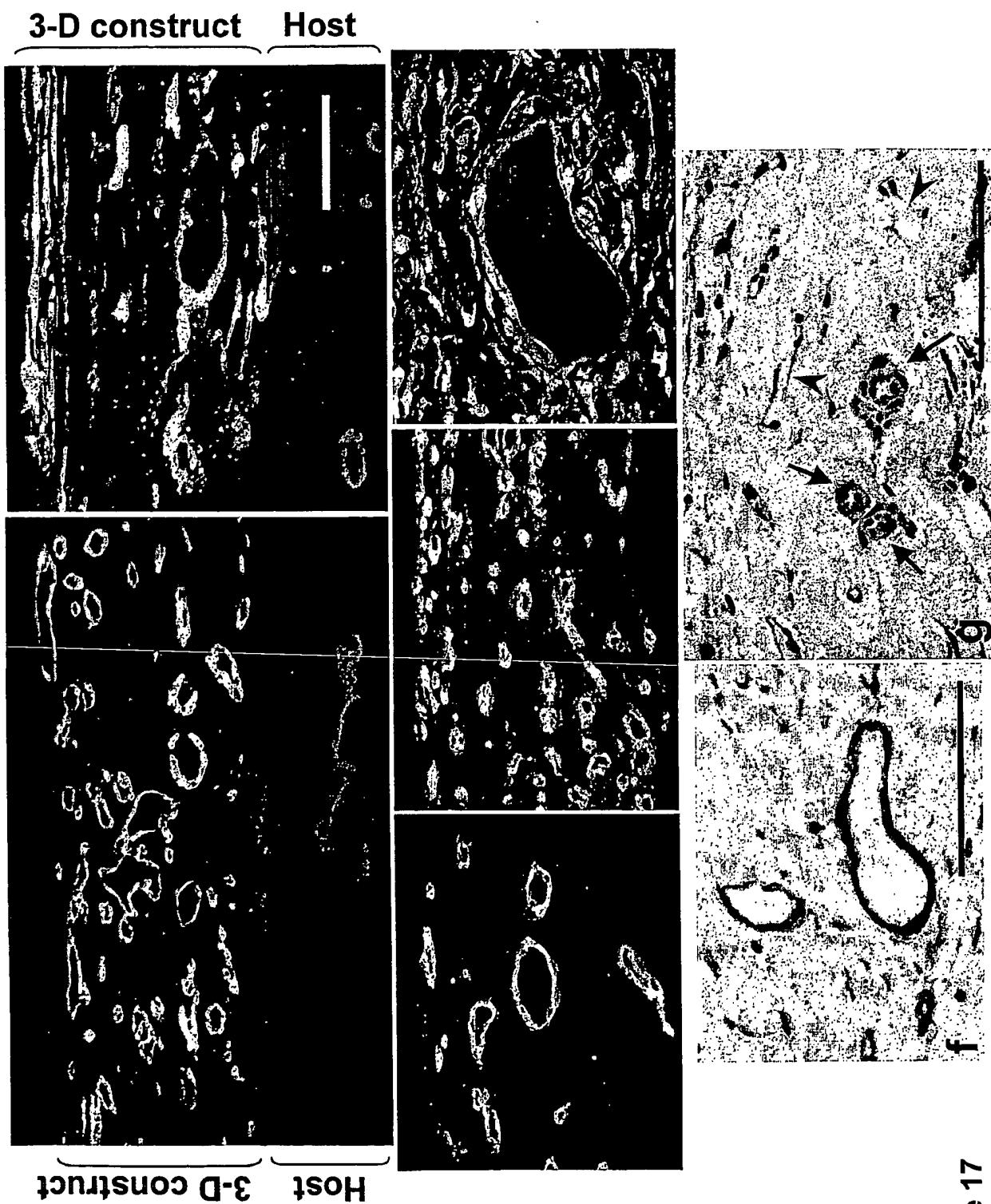


Figure 17

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